

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/633,407
Source: IFW16
Date Processed by STIC: 02/15/2007

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 02/15/2007

PATENT APPLICATION: US/10/633,407

TIME: 08:26:03

Input Set : N:\Crf4\02082007\K633407.raw

Output Set: N:\CRF4\02152007\J633407.raw

1 <110> APPLICANT: LOSORDO, DOUGLAS W.
 2 KISHORE, RAJ
 3 <120> TITLE OF INVENTION: CELL MODULATION USING A CYTOSKELETAL PROTEIN
 4 <130> FILE REFERENCE: 58098(71417)
 C--> 5 <140> CURRENT APPLICATION NUMBER: US/10/633,407
 6 <141> CURRENT FILING DATE: 2003-08-01
 7 <150> PRIOR APPLICATION NUMBER: 60/400,084
 8 <151> PRIOR FILING DATE: 2002-08-01
 9 <160> NUMBER OF SEQ ID NOS: 6
 10 <170> SOFTWARE: PatentIn Ver. 2.1
 12 <210> SEQ ID NO: 1
 13 <211> LENGTH: 586
 14 <212> TYPE: PRT
 15 <213> ORGANISM: Homo sapiens
 16 <400> SEQUENCE: 1
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 18 1 5 10 15
 19 Glu Phe Ala Ile Gln Pro Asn Thr Thr Gly Lys Gln Leu Phe Asp Gln
 20 20 25 30
 21 Val Val Lys Thr Ile Gly Leu Arg Glu Val Trp Tyr Phe Gly Leu His
 22 35 40 45
 23 Tyr Val Asp Asn Lys Gly Phe Pro Thr Trp Leu Lys Leu Asp Lys Lys
 24 50 55 60
 25 Val Ser Ala Gln Glu Val Arg Lys Glu Asn Pro Leu Gln Phe Lys Phe
 26 65 70 75 80
 27 Arg Ala Lys Phe Tyr Pro Glu Asp Val Ala Glu Glu Leu Ile Gln Asp
 28 85 90 95
 29 Ile Thr Gln Lys Leu Phe Phe Leu Gln Val Lys Glu Gly Ile Leu Ser
 30 100 105 110
 31 Asp Glu Ile Tyr Cys Pro Pro Glu Thr Ala Val Leu Leu Gly Ser Tyr
 32 115 120 125
 33 Ala Val Gln Ala Lys Phe Gly Asp Tyr Asn Lys Glu Val His Lys Ser
 34 130 135 140
 35 Gly Tyr Leu Ser Ser Glu Arg Leu Ile Pro Gln Arg Val Met Asp Gln
 36 145 150 155 160
 37 His Lys Leu Thr Arg Asp Gln Trp Glu Asp Arg Ile Gln Val Trp His
 38 165 170 175
 39 Ala Glu His Arg Gly Met Leu Lys Asp Asn Ala Met Leu Glu Tyr Leu
 40 180 185 190
 41 Lys Ile Ala Gln Asp Leu Glu Met Tyr Gly Ile Asn Tyr Phe Glu Ile
 42 195 200 205
 43 Lys Asn Lys Lys Gly Thr Asp Leu Trp Leu Gly Val Asp Ala Leu Gly
 44 210 215 220

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45      Leu Asn Ile Tyr Glu Lys Asp Asp Lys Leu Thr Pro Lys Ile Gly Phe
46      225                      230                      235                      240
47      Pro Trp Ser Glu Ile Arg Asn Ile Ser Phe Asn Asp Lys Lys Phe Val
48                      245                      250                      255
49      Ile Lys Pro Ile Asp Lys Lys Ala Pro Asp Phe Val Phe Tyr Ala Pro
50                      260                      265                      270
51      Arg Leu Arg Ile Asn Lys Arg Ile Leu Gln Leu Cys Met Gly Asn His
52                      275                      280                      285
53      Glu Leu Tyr Met Arg Arg Arg Lys Pro Asp Thr Ile Glu Val Gln Gln
54                      290                      295                      300
55      Met Lys Ala Gln Ala Arg Glu Glu Lys His Gln Lys Gln Leu Glu Arg
56      305                      310                      315                      320
57      Gln Gln Leu Glu Thr Glu Lys Lys Arg Arg Glu Thr Val Glu Arg Glu
58                      325                      330                      335
59      Lys Glu Gln Met Met Arg Glu Lys Glu Glu Leu Met Leu Arg Leu Gln
60                      340                      345                      350
61      Asp Tyr Glu Glu Lys Thr Lys Lys Ala Glu Arg Glu Leu Ser Glu Gln
62                      355                      360                      365
63      Ile Gln Arg Ala Leu Gln Leu Glu Glu Glu Arg Lys Arg Ala Gln Glu
64      370                      375                      380
65      Glu Ala Glu Arg Leu Glu Ala Asp Arg Met Ala Ala Leu Arg Ala Lys
66      385                      390                      395                      400
67      Glu Glu Leu Glu Arg Gln Ala Val Asp Gln Ile Lys Ser Gln Glu Gln
68                      405                      410                      415
69      Leu Ala Ala Glu Leu Ala Glu Tyr Thr Ala Lys Ile Ala Leu Leu Glu
70                      420                      425                      430
71      Glu Ala Arg Arg Arg Lys Glu Asp Glu Val Glu Glu Trp Gln His Arg
72                      435                      440                      445
73      Ala Lys Glu Ala Gln Asp Asp Leu Val Lys Thr Lys Glu Glu Leu His
74      450                      455                      460
75      Leu Val Met Thr Ala Pro Pro Pro Pro Pro Pro Val Tyr Glu Pro
76      465                      470                      475                      480
77      Val Ser Tyr His Val Gln Glu Ser Leu Gln Asp Glu Gly Ala Glu Pro
78                      485                      490                      495
79      Thr Gly Tyr Ser Ala Glu Leu Ser Ser Glu Gly Ile Arg Asp Asp Arg
80                      500                      505                      510
81      Asn Glu Glu Lys Arg Ile Thr Glu Ala Glu Lys Asn Glu Arg Val Gln
82                      515                      520                      525
83      Arg Gln Leu Val Thr Leu Ser Ser Glu Leu Ser Gln Ala Arg Asp Glu
84      530                      535                      540
85      Asn Lys Arg Thr His Asn Asp Ile Ile His Asn Glu Asn Met Arg Gln
86      545                      550                      555                      560
87      Gly Arg Asp Lys Tyr Lys Thr Leu Arg Gln Ile Arg Gln Gly Asn Thr
88                      565                      570                      575
89      Lys Gln Arg Ile Asp Glu Phe Glu Ala Leu
90                      580                      585
92 <210> SEQ ID NO: 2
93 <211> LENGTH: 32
94 <212> TYPE: DNA

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96 <220> FEATURE:
97 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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99 <400> SEQUENCE: 2
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103 <211> LENGTH: 32
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
108     oligonucleotide
109 <400> SEQUENCE: 3
110     catttcaata gtctaataatgat acttgaactg ca                  32
112 <210> SEQ ID NO: 4
113 <211> LENGTH: 32
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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119 <400> SEQUENCE: 4
120     catttcaata gtccgcgggat actgtccctg ca                    32
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123 <211> LENGTH: 14
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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129 <400> SEQUENCE: 5
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132 <210> SEQ ID NO: 6
133 <211> LENGTH: 14
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
138     oligonucleotide
139 <400> SEQUENCE: 6
140     atactgtccc tgca                                          14

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VERIFICATION SUMMARY

DATE: 02/15/2007

PATENT APPLICATION: US/10/633,407

TIME: 08:26:04

Input Set : N:\Crf4\02082007\K633407.raw

Output Set: N:\CRF4\02152007\J633407.raw

L:5 M:270 C: Current Application Number differs, Replaced Current Application Number